

## INTERNATIONAL SEARCH REPORT

International Application No

PCT/CA 02/01187

## A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 C05B9/00 C05F3/00 - C02F1/52

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C02F C05F C05B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	EP 0 530 826 A (NALVA UMWELTECHNIK GMBH) 10 March 1993 (1993-03-10) page 2, line 5 - line 10 page 2, line 35 - line 50 page 3, line 1 - line 11 page 5, line 10 - line 16	1-5,8-17
X	DE 44 44 032 C (KUEHN UMWELTPRODUKTE GMBH) 2 May 1996 (1996-05-02) page 2, column 2, line 5 - line 52 claims 1-3,11-15	1-7
X	EP 0 490 396 A (NALCO CHEMIE GMBH DEUTSCHE ; VER ALUMINIUMWERKE (DE)) 17 June 1992 (1992-06-17) page 2, line 1 - line 38	12-17
	-/--	

☒ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

## \* Special categories of cited documents:

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier document but published on or after the International filing date
- \*L\* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the International filing date but later than the priority date claimed

- \*T\* later document published after the International filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- \*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
- \*S\* document member of the same patent family

Date of the actual completion of the International search

12 November 2002

Date of mailing of the International search report

20/11/2002

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2  
NL - 2280 HV Rijswijk  
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,  
Fax: (+31-70) 340-3016

Authorized officer

Saldamli, S

## INTERNATIONAL SEARCH REPORT

International Application No  
PCT/CA 02/01187

## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	EP 1 041 058 A (ROS ROCA SA) 4 October 2000 (2000-10-04) page 3, column 3, paragraph 13	12-17
A	US 4 670 158 A (KELLY PAUL R) 2 June 1987 (1987-06-02) page 1, column 2, line 1 - line 28	1-17

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

This International Searching Authority found multiple (groups of) inventions in this international application, as follows:

-1. Claims: 1-17

1.1. Claims: 1-11

A method of treating manure and use of a certain flocculant in manure treatment.

1.2. Claims: 12-17

A method of promoting struvite formation and a composition therefor.

Please note that all inventions mentioned under item 1, although not necessarily linked by a common inventive concept, could be searched without effort justifying an additional fee.

# INTERNATIONAL SEARCH REPORT

International application No.  
PCT/CA.02/01187

## Box I Observations where certain claims were found unsearchable (Continuation of item 1 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☐ Claims Nos.:  
because they relate to subject matter not required to be searched by this Authority, namely:
2. ☐ Claims Nos.:  
because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
3. ☐ Claims Nos.:  
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

## Box II Observations where unity of invention is lacking (Continuation of item 2 of first sheet)

This International Searching Authority found multiple inventions in this International application, as follows:

see additional sheet

1. ☐ As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2. ☒ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. ☐ No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest.
- ☐ No protest accompanied the payment of additional search fees.

# INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No.

PCT/CA 02/01187

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
EP 0530826	A	10-03-1993	DE 4129641 A1	11-03-1993
			DE 59204900 D1	15-02-1996
			DK 530826 T3	20-05-1996
			EP 0530826 A1	10-03-1993
DE 4444032	C	02-05-1996	DE 4444032 C1	02-05-1996
EP 0490396	A	17-06-1992	DE 4040067 A1	17-06-1992
			AT 135334 T	15-03-1996
			DE 59107546 D1	18-04-1996
			EP 0490396 A1	17-06-1992
EP 1041058	A	04-10-2000	ES 2157774 A1	16-08-2001
			EP 1041058 A2	04-10-2000
US 4670158	A	02-06-1987	NONE	